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| ***Формат*** | ***Зона*** | ***Поз.*** | | ***Обозначение*** | | | | ***Наименование*** | | | | | ***кол.*** | ***Примеч.*** | |
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|  |  |  | |  | | | | *Документация* | | | | |  |  | |
|  |  |  | |  | | | |  | | | | |  |  | |
| *A1* |  |  | | *ГУИР.467143.001 СБ* | | | | *Сборочный чертеж платы* | | | | | *1* |  | |
| *A1* |  |  | | *ГУИР.467143.001 ЭЗ* | | | | *Схема электрическая принципиальная* | | | | | *1* |  | |
| *A4* |  |  | | *ГУИР.467143.001 ПЭЗ* | | | | *Перечень элементов* | | | | | *1* | *3 c.* | |
| *БЧ* |  |  | | *ГУИР.760488.001 Д1* | | | | *Технологическая схема сборки* | | | | | *1* |  | |
|  |  |  | |  | | | |  | | | | |  |  | |
|  |  |  | |  | | | | *Детали* | | | | |  |  | |
|  |  |  | |  | | | |  | | | | |  |  | |
| *А1* |  | *1* | | *ГУИР.758724.001* | | | | *Плата печатная* | | | | | *1* |  | |
|  |  |  | |  | | | |  | | | | |  |  | |
|  |  |  | |  | | | | *Прочие изделия* | | | | |  |  | |
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|  |  | *2* | |  | | | | *Динамик пьезоэлектрический CVS-1508* | | | | | *1* | *BA1* | |
|  |  |  | |  | | | |  | | | | |  |  | |
|  |  |  | |  | | | | *Конденсторы* | | | | |  |  | |
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|  |  | *3* | |  | | | | *Mutara, X7R-1 мкФ, 16 В, ±10%* | | | | | *2* | *C1, C14* | |
|  |  | *4* | |  | | | | *JB, ECAP-100 мкФ, 100 В, ±20%* | | | | | *2* | *C2, C8* | |
|  |  | *5* | |  | | | | *JB, ECAP-10 мкФ, 100 В, ±20%* | | | | | *2* | *C3, C7* | |
|  |  | *6* | |  | | | | *JB, ECAP-1 мкФ, 100 В, ±20%* | | | | | *5* | *C4..C6, C9* | |
|  |  |  | |  | | | |  | | | | |  | *C13* | |
|  |  | *7* | |  | | | | *Mutara, X7R-0.1 мкФ, 100 В, ±10%* | | | | | *1* | *C10* | |
|  |  | *8* | |  | | | | *Mutara, NPO-33 пФ, 50 В, ±5%* | | | | | *2* | *C11, C12* | |
|  |  | *9* | |  | | | | *Mutara, NPO-10 пФ, 50 В, ±5%* | | | | | *3* | *C15..C17* | |
|  |  |  | |  | | | |  | | | | |  |  | |
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| *Изм* | *Лист* | | *№ докум* | | *Подп.* | *Дата* |  |
| *Разраб.* | | | *Соколов* | |  |  | *Плата блока управления* | | *Лит* | | | *Лист* | | *Листов* | |
| *Пров.* | | | *Смирнова* | |  |  |  | *Т* |  | *1* | | *3* | |
| *Т.контр.* | | | *Смирнова* | |  |  | *ЭВС, гр. 750701* | | | | | | |
| *Н. Контр* | | | *Лихачёв* | |  |  |
| *Утв.* | | | *Азаров* | |  |  |
| ***Формат*** | ***Зона*** | ***Поз.*** | | ***Обозначение*** | | | | ***Наименование*** | | | | | ***кол.*** | ***Примеч.*** | |
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|  |  |  | |  | | | | *Микросхемы* | | | | |  |  | |
|  |  |  | |  | | | |  | | | | |  |  | |
|  |  | *10* | |  | | | | *MIC29302WT* | | | | | *1* | *DD1* | |
|  |  | *11* | |  | | | | *NCP1117ST50T3G* | | | | | *1* | *DD2* | |
|  |  | *12* | |  | | | | *MAX232* | | | | | *1* | *DD3* | |
|  |  | *13* | |  | | | | *PCF8574A* | | | | | *3* | *DD4, DD5* | |
|  |  |  | |  | | | |  | | | | |  | *DD8* | |
|  |  | *14* | |  | | | | *ATmega32U4-AU* | | | | | *1* | *DD6* | |
|  |  | *15* | |  | | | | *SIM900A* | | | | | *1* | *DD7* | |
|  |  |  | |  | | | |  | | | | |  |  | |
|  |  | *16* | |  | | | | *Индуктивность SIMID-1812-A-10 мкГн* | | | | | *1* | *L1* | |
|  |  |  | |  | | | |  | | | | |  |  | |
|  |  |  | |  | | | | *Резисторы* | | | | |  |  | |
|  |  |  | |  | | | |  | | | | |  |  | |
|  |  | *17* | |  | | | | *Чип 0805-47 кОм ±1%* | | | | | *4* | *R1, R6, R12* | |
|  |  |  | |  | | | |  | | | | |  | *R13* | |
|  |  | *18* | |  | | | | *Чип 0805-100 кОм ±1%* | | | | | *1* | *R2* | |
|  |  | *19* | |  | | | | *Чип 0805-1 МОм ±1%* | | | | | *1* | *R3* | |
|  |  | *20* | |  | | | | *Чип 0805-510 Ом ±1%* | | | | | *3* | *R4, R14, R15* | |
|  |  | *21* | |  | | | | *Чип 0805-4.7 кОм ±1%* | | | | | *3* | *R5, R10, R11* | |
|  |  | *22* | |  | | | | Чип 0805-22 Ом ±1% | | | | | *4* | R7..R9 | |
|  |  |  | |  | | | |  | | | | |  |  | |
|  |  |  | |  | | | | Диоды | | | | |  |  | |
|  |  | *23* | |  | | | | *M7* | | | | | *2* | *VD1, VD2* | |
|  |  | *24* | |  | | | | *GNL-3012HD* | | | | | *1* | *VD3* | |
|  |  | *25* | |  | | | | *GNL-3014BC* | | | | | *1* | *VD4* | |
|  |  |  | |  | | | |  | | | | |  |  | |
|  |  | *26* | |  | | | | *Транзистор BC547A* | | | | | *3* | *VT1..VT3* | |
|  |  |  | |  | | | |  | | | | |  |  | |
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| ***Формат*** | ***Зона*** | ***Поз.*** | | ***Обозначение*** | | | | ***Наименование*** | | | | | ***кол.*** | ***Примеч.*** | |
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|  |  |  | |  | | | | *Разъемы* | | | | |  |  | |
|  |  |  | |  | | | |  | | | | |  |  | |
|  |  | *27* | |  | | | | *DCJ200-10* | | | | | *1* | *XS1* | |
|  |  | *28* | |  | | | | *TSW-107-05-G-D* | | | | | *1* | *XS2* | |
|  |  | *29* | |  | | | | *TSW-107-05-G-S* | | | | | *1* | *XS3* | |
|  |  | *30* | |  | | | | *HDR-10* | | | | | *1* | *XS4* | |
|  |  | *31* | |  | | | | *TSW-103-05-G-S* | | | | | *1* | *XS5* | |
|  |  | *32* | |  | | | | *USB-A-S-S-B-SM2-TR* | | | | | *1* | *XS6* | |
|  |  | *33* | |  | | | | *BH600* | | | | | *1* | *XS7* | |
|  |  | *34* | |  | | | | *SIM7200-6-0-18-00-A* | | | | | *1* | *XS8* | |
|  |  | *35* | |  | | | | *901-9894-RFX* | | | | | *1* | *XS9* | |
|  |  | *36* | |  | | | | *TSW-108-08-T-T* | | | | | *1* | *XS10* | |
|  |  |  | |  | | | |  | | | | |  |  | |
|  |  | *37* | |  | | | | *Резонатор кварцевый Q 8МГц HC-49S* | | | | | *1* | *ZQ1* | |
|  |  |  | |  | | | |  | | | | |  |  | |
|  |  |  | |  | | | | *Материалы* | | | | |  |  | |
|  |  |  | |  | | | |  | | | | |  |  | |
|  |  | *38* | |  | | | | *Краска МКЭ белая ОСТ92-1586-89* | | | | | *0,03* |  | |
|  |  | *39* | |  | | | | *Припой ПОМ-3 ГОСТ 21931-76* | | | | | *0,05* |  | |
|  |  | *40* | |  | | | | *Паяльная паста Mechnic XP-50* | | | | | *0,03* |  | |
|  |  | *41* | |  | | | | Лак PLASTIK 71 | | | | | *0,025* |  | |
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